THAT WHICH IS CLAIMED:

1. A method for attracting arthropods by exposing a volatile acid precursor to water to produce a volatilized acid, said volatilized acid thereby attracting arthropods.

2. The method according to claim 1, wherein the arthropods attracted are mosquitoes.

3. The method according to claim 1, wherein the volatilized acid is humidified.

4. The method according to claim 3, wherein the acid produced is hydrogen chloride.

5. The method according to claim 4, wherein the volatile acid precursor is a hydrate of ferric chloride.

6. The method according to claim 1, wherein the volatile acid precursor is impregnated in a carrier.

7. The method according to claim 1, wherein the volatilized acid is further combined with carbon dioxide, said volatilized acid and carbon dioxide thereby attracting arthropods.

8. The method according to claim 1, wherein said volatile acid precursor is provided adjacent an arthropod trapping device and said method further comprises the step of trapping at least a portion of the attracted arthropods.

9. The method according to claim 1, wherein said volatile acid precursor is provided in a packed column and said method further comprises the step of forcing carbon dioxide gas through the column.

10. The method according to claim 1, further comprising the step of killing at least a portion of the attracted arthropods using a pesticide.

11. The method according to claim 10, wherein the exposing step further comprises combining the pesticide with the volatile acid precursor.

12. A method for attracting arthropods consisting of combining a volatile acid precursor and a carbon dioxide precursor with water to produce carbon dioxide, water vapor, and a volatilized acid, said volatilized acid, carbon dioxide, and water vapor thereby attracting arthropods.

13. The method according to claim 12, wherein the arthropods attracted are mosquitoes.

14. The method according to claim 12, wherein the acid produced is hydrogen chloride.

15. The method according to claim 14, wherein the volatile acid precursor is a hydrate of ferric chloride.

16. The method according to claim 12, wherein the carbon dioxide precursor is a compound selected from the group consisting of carbonates, bicarbonates and sesquicarbonates.

17. The method according to claim 12, wherein the volatile acid precursor is impregnated in a carrier.

18. The method according to claim 12, wherein the volatile acid precursor and the carbon dioxide precursor are contained in a gas permeable sachet.

19. The method according to claim 12, wherein said volatile acid precursor and carbon dioxide precursor are provided adjacent an arthropod trapping device, said method further comprising the step of trapping at least a portion of the attracted arthropods.

20. The method according to claim 12, further comprising the step of killing at least a portion of the attracted arthropods using a pesticide.

21. The method according to claim 20, wherein the combining step further comprises combining the pesticide with the volatile acid precursor and the carbon dioxide precursor.

22. A method for attracting arthropods consisting of combining a low volatility acid and a volatile acid salt in aqueous solution to produce a volatilized acid, said volatilized acid thereby attracting arthropods.

23. The method according to claim 22, wherein the arthropods attracted are mosquitoes.

24. The method according to claim 22, wherein the acid produced is hydrogen chloride.

25. The method according to claim 22, wherein the volatilized acid is combined with carbon dioxide.

26. The method according to claim 22, wherein the low volatility acid is L-lactic acid.

27. The method according to claim 22, wherein the volatile acid salt is sodium chloride and the volatilized acid produced is hydrogen chloride.

28. The method according to claim 22, wherein said low volatility acid and the volatile acid salt in aqueous solution are provided adjacent an arthropod trapping device, said method further comprising the step of trapping at least a portion of the attracted arthropods.

29. The method according to claim 22, wherein said low volatility acid and the volatile acid salt are impregnated on porous carriers or used as powders, and are provided adjacent an arthropod trapping device in a mixed sachet, said method further comprising the step of trapping at least a portion of the attracted arthropods.

30. The method according to claim 22, further comprising the step of killing at least a portion of the attracted arthropods using a pesticide.

31. The method according to claim 30, wherein the combining step further comprises combining said pesticide with said low volatility acid and the volatile acid salt.

32. A composition for attracting arthropods comprising:
a volatile acid precursor; and
a carbon dioxide precursor.

33. The composition according to claim 32, wherein at least one of the volatile acid precursor and the carbon dioxide precursor are impregnated in a carrier.

34. The composition according to claim 32, wherein the volatile acid precursor produces an acid upon exposure to water.

35. The composition according to claim 34, wherein the volatile acid precursor produces hydrogen chloride upon exposure to water.

36. The composition according to claim 35, wherein the volatile acid precursor is a hydrate of ferric chloride.

37. The composition according to claim 32, wherein the carbon dioxide precursor is a compound selected from the group consisting of carbonates, bicarbonates and sesquicarbonates.

38. The composition according to claim 32, wherein the volatile acid precursor and the carbon dioxide precursor are contained in a gas permeable sachet.

39. The composition according to claim 32, further comprising a pesticide.

40. The composition according to claim 39, wherein said pesticide is combined with the volatile acid precursor and the carbon dioxide precursor.

41. The composition according to claim 32, wherein the volatile acid precursor is ferric chloride hexahydrate and the carbon dioxide precursor is sodium bicarbonate.

42. A composition for attracting arthropods comprising:

a low volatility acid; and

a volatile acid salt,

wherein the low volatility acid and the volatile acid salt are provided in aqueous solution.

43. The composition according to claim 42, wherein the volatilized acid salt is a hydrogen chloride salt.

44. The composition according to claim 42, wherein the volatilized acid salt is sodium chloride.

45. The composition according to claim 42, wherein the low volatility acid is L-lactic acid.

46. The composition according to claim 42, further comprising a carbon dioxide precursor.

47. The composition according to claim 42, further comprising a pesticide.